

# Press Release

TRUMPF GmbH + Co. KG  
Press/Public Relations

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## TRUMPF TKA 300/500 Edge Trimmer: Fast Tool for Smooth Edges

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**Ditzingen, Germany, October 24, 2006 – TRUMPF TKA 300/500 series edge trimmers can be used to deburr the edges of steel sheet metal, non-ferrous metal and superior quality plastics or to prepare these edges for welding. Compared to angle grinders, these tools work five to ten times faster on average.**

TKA 300 and 500 model edge trimmers are used to produce final edges in sheets that are clean, deburred and oxide-free. This is required to eliminate the risk of injury caused by burrs in carriers and other accessible metal parts for example. It is likewise important to prepare edges for welding and round off or chamfer housing panels for a more pleasing visual impression. Companies that work with plastic also choose edge trimmers for deburring.

In contrast to angle grinders, edge trimmers only need to be passed along the edge once to obtain perfect quality. No reworking is required for either straight or rounded edges. This fundamental difference means that the worktime is five or ten times shorter as a rule. The TRUMPF TKA tools likewise eliminate the disadvantages associated with angle grinders such as heavy sparking and excessive dust. Moreover, angle grinders are very bad at processing non-ferrous metals and plastics because these materials soon clog the pores of the grinding disks.

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In the case of all these materials and a wide variety of steel grades, the TRUMPF TKA 300 and 500 edge trimmers achieve excellent surface quality with rapid feed rates of 4 to 6 m per minute. The compact trimming head of these models ensures that small radii and inner contours are processed effectively.

Users can choose between two edge trimmer models: The TKA 300 with an 850 W drive unit and the TKA 500 with 1,400 W of power. The primary difference between the models in practice is the bevel height. While the TKA 300 can trim bevels up to 2.2 mm high and 3 mm long in 400 N/mm<sup>2</sup> steel, the more powerful TKA 500 produces bevels up to 3.5 mm high and 5 mm long in the same material. Thanks to moderate weights of 3 kg (TKA 300) and 3.5 kg (TKA 500), these tools are pleasant to use and the operators can work with them for long periods of time without suffering from fatigue.

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#### **The Power Tools business division of TRUMPF:**

Sheet metal processing power tools have a long tradition at TRUMPF. As early as 1934 the company from Ditzingen, Germany, presented the first motorized handheld shears for cutting sheet metal, thereby laying the foundation for the entire corporate group's "sheet metal competence." Ever since, the sheet metal specialists have been constantly developing professional power tools – in addition to stationary machines for punching and forming, laser processing and bending – and as leaders of innovation they have set the pace in this area as well for changing market requirements.

During fiscal year 2005/06 the Power Tools business division of TRUMPF, which has had its headquarters in Grüşch, Switzerland, since 1980, recorded 72 million Euro in sales revenue with 255 employees. The current product range includes power tools for cutting and connecting sheet metal and for forming welding edges. The portable, easy-to-use TRUMPF tools are used around the world both by industrial customers and craftspersons.

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Further information can be found at [www.trumpf-powertools.com](http://www.trumpf-powertools.com)



TRUMPF is a high-tech group focusing on production and medical technology. Further information on the company can be found at [www.trumpf.com/TRUMPF Group/Press/Media Services/Press Kit](http://www.trumpf.com/TRUMPF%20Group/Press/Media%20Services/Press%20Kit)

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